

**393913119424010 Local number 085 N21 E20 26CAA11 LYSIMETER 5 SHALLOW**

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°39'12.6", long 119°42'40.3" referenced to North American Datum of 1983, in NW ¼ SE ¼ SW ¼ sec.26, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

**WATER-QUALITY RECORDS**

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 5 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
<b>Nov</b>								
<b>03...</b>	1037	Interstitial water	1,280	6.48	<.04	82.6	<.008	83.0
<b>Dec</b>								
<b>08...</b>	1050	Interstitial water	E468	3.14	<.04	26.7	<.008	27.8
<b>Mar</b>								
<b>02...</b>	1327	Interstitial water	279	1.97	<.04	10.5	<.008	10.9
<b>Apr</b>								
<b>06...</b>	1015	Interstitial water	--	2.13	.07	36.6	<.008	36.8
<b>Jun</b>								
<b>02...</b>	0922	Interstitial water	--	2.44	.18	152	.017	152
<b>Aug</b>								
<b>03...</b>	1023	Interstitial water	--	4.84	.22	157	<.008	179

393913119424010 Local number 085 N21 E20 26CCAA11 LYSIMETER 5 SHALLOW—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 2 of 2

[Remark codes: &lt;, less than; E, estimated.]

Date	Time	Sample type	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
<b>Oct</b>							
<b>05...</b>	1012	Interstitial water	5.50	.28	247	<.008	280
<b>Nov</b>							
<b>02...</b>	1005	Interstitial water	5.70	.27	309	<.008	317
<b>30...</b>	1020	Interstitial water	5.70	.12	362	<.008	344
<b>Dec</b>							
<b>22...</b>	1130	Interstitial water	.88	<.04	5.40	<.008	5.39